#### Message

From: Subramaniam, Ravi [Subramaniam.Ravi@epa.gov]

**Sent**: 2/5/2016 4:39:26 PM

To: Kraft, Andrew [Kraft.Andrew@epa.gov]
CC: Glenn, Barbara [Glenn.Barbara@epa.gov]

**Subject**: RE: URT cancers in animals

Attachments: Respiratory Tract Cancers in Animals020416.docx

Revised attached. Move things around as you see fit. I have also commented and edited the text that leads up to the Table (at the beginning). I am relieved you drew my attention to this!

--Ravi.

Ravi Subramaniam, PhD / Chief (acting), Toxic Effects Branch-IRIS, NCEA-ORD, EPA. Room N7873/ Ph: (703) 347-8606 (o), Ex. 6 Personal Privacy (PP)

From: Kraft, Andrew

Sent: Wednesday, February 03, 2016 10:16 AM

To: Subramaniam, Ravi <Subramaniam.Ravi@epa.gov>

Cc: Glenn, Barbara <Glenn.Barbara@epa.gov>

Subject: RE: URT cancers in animals

Thanks, Ravi, sounds great.

From: Subramaniam, Ravi

**Sent:** Wednesday, February 03, 2016 10:15 AM **To:** Kraft, Andrew <a href="mailto:Kraft.Andrew@epa.gov">Kraft.Andrew@epa.gov</a>>

Subject: RE: URT cancers in animals

I will suggest the specific edits on the draft text I have and you can put it in to the master after you have reviewed/

--Ravi.

Ravi Subramaniam, PhD / Chief (acting). Toxic Effects Branch IRIS, NCEA-ORD, EPA. Room N7873/Ph: (703) 347-8606 (o), Ex. 6 Personal Privacy (PP)

From: Kraft, Andrew

Sent: Wednesday, February 03, 2016 9:59 AM

To: Subramaniam, Ravi < Subramaniam. Ravi@epa.gov>

Cc: Glenn, Barbara < Glenn.Barbara@epa.gov>

Subject: RE: URT cancers in animals

Sweet.

Do you want me to make the revisions using the materials you sent to us, or do you want to make them (on the draft text you have)?

From: Subramaniam, Ravi

Sent: Wednesday, February 03, 2016 9:57 AM

**To:** Kraft, Andrew < <a href="mailto:Kraft.Andrew@epa.gov">Kraft.Andrew@epa.gov</a> <a href="mailto:Cc:Glenn, Barbara@epa.gov">Cc:Glenn, Barbara@epa.gov</a> <a href="mailto:Kraft.Andrew@epa.gov">Cc:Glenn, Barbara@epa.gov</a> <a href="mailto:Kraft.Andrew@epa.gov">Cc:Glenn, Barbara@epa.gov</a> <a href="mailto:Kraft.Andrew@epa.gov">Cc:Glenn, Barbara@epa.gov</a> <a href="mailto:Kraft.Andrew@epa.gov">Cc:Glenn, Barbara@epa.gov</a> <a href="mailto:Kraft.Andrew@epa.gov">Kraft.Andrew@epa.gov</a> <a href="mailto:Kraft.Andrew@epa.gov">Cc:Glenn, Barbara@epa.gov</a> <a href="mailto:Kraft.Andrew@epa.gov">Kraft.Andrew@epa.gov</a> <a href="mailto:Kraft.Andrew@epa.gov

Subject: RE: URT cancers in animals

Yes. No need to meet.

--Ravi.

Ravi Subramaniam, PhD / Chief (acting), Toxic Effects Branch-IRIS, NCEA-ORD, EPA.
Room N7873/ Ph: (703) 347-8606 (o) Ex. 6 Personal Privacy (PP)

From: Kraft, Andrew

Sent: Tuesday, February 02, 2016 3:36 PM

To: Subramaniam, Ravi < Subramaniam. Ravi@epa.gov>

Cc: Glenn, Barbara < Glenn.Barbara@epa.gov>

Subject: RE: URT cancers in animals

See below.

Do we still need to meet tomorrow?

From: Subramaniam, Ravi

**Sent:** Tuesday, February 02, 2016 3:29 PM **To:** Kraft, Andrew < Kraft. Andrew@epa.gov > Cc: Glenn, Barbara < Glenn. Barbara@epa.gov >

Subject: RE: URT cancers in animals

Andrew:

I am looking at it now and do not see any revisions. Or did you mean to say that you were the author of the revised text that I commented upon?
YES

## Ex. 5 Deliberative Process (DP)

### Ex. 5 Deliberative Process (DP)

--Ravi.

Ravi Subramaniam, PhD / Chief (acting), Toxic Effects Branch-IRIS, NCEA-ORD, EPA. Room N7873/ Ph: (703) 347-8606 (o), (571) 305-3601 (m)

From: Kraft, Andrew

Sent: Tuesday, February 02, 2016 9:57 AM

To: Subramaniam, Ravi <Subramaniam.Ravi@epa.gov>; Whalan, John

<Whalan.John@epa.gov>

Cc: Glenn, Barbara < Glenn.Barbara@epa.gov>

Subject: RE: URT cancers in animals

Hi Ravi,

## Ex. 5 Deliberative Process (DP)

I will set something up. John, do you want to be included on the invitation, or do you want to focus on your noncancer respiratory section?

-Andrew

From: Subramaniam, Ravi

**Sent:** Saturday, January 30, 2016 4:56 PM **To:** Whalan, John < Whalan, John@epa.gov>

Cc: Glenn, Barbara < Glenn. Barbara@epa.gov>; Kraft, Andrew < Kraft. Andrew@epa.gov>

Subject: RE: URT cancers in animals

Dear John:

Hi John:

#### Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

I think we may need to talk about how you want to report all this.

--Ravi.

Ravi Subramaniam, PhD / Chief (acting), <u>Toxic Effects Branc</u>h-IRIS, NCEA-ORD, EPA. Room N7873/ **Ph: (703) 347-8606 (o), (** Ex. 6 Personal Privacy (PP)

From: Kraft, Andrew

Sent: Thursday, January 14, 2016 8:50 AM

To: Subramaniam, Ravi <Subramaniam.Ravi@epa.gov>

Cc: Glenn, Barbara <Glenn.Barbara@epa.gov>

Subject: URT cancers in animals

Hi Ravi,

I can't remember if you had a chance to take a look, but I had previously asked if a table and graphic I inserted into the "URT cancers in animals" section looked accurate (the most relevant comment is right before the table in the attached)? Do we have detailed survival-adjusted data for these tumors?

I will probably modify the graphic a bit to reflect sample size, but if you could take a quick look at the attached (which is not necessarily the most current version, but contains the materials important for you to take a look at) that would be helpful. I guess this would only take a couple minutes.

Thanks, Andrew